(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 27 May 2004 (27.05.2004)

PCT

(10) International Publication Number WO 2004/043991 A 2

(51) International Patent Classification7:

C07K

(21) International Application Number:

PCT/US2003/035608

(22) International Filing Date:

6 November 2003 (06.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/425,662 13 November 2002 (13.11.2002) 60/466,214 28 April 2003 (28.04.2003)

(71) Applicant (for all designated States except US): HAEMA-TOLOGIC TECHNOLOGIES, INC. [US/US]; 27 River Road, Unit 1021, Essex Junction, VT 05452 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): JENNY, Richard, J. [US/US]; 31 Brigham Hill Lane, Essex Junction, VT 05452 (US). BUTENAS, Saulius [LT/US]; 76 Oakwood Drive, South Burlington, VT 05403 (US).

(74) Agent: SARUSSI, Steven, J.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ASSAY FOR TISSUE FACTOR AND FACTOR VIIA

(57) Abstract: The invention provides assays for detecting and quantitating tissue factor and factor VIIa in simple and complex biological systems. The assays are performed by detecting and/or measuring the tissue factor cofactor activity and factor VIIa enzymatic activity using aminonapthalene-based fluorogenic substrates.